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Applicant: Yasuhiko YAMANAKA, et al.

Docket No. 61352-012

Title: REFLECTOR, REFLECTIVE LIQUID CRYSTAL DISPLAY AND FABRICATION METHOD THEREOF,
OPTICAL MEMBER, DISPLAY, ILLUMINATING DEVICE, DISPLAY PANEL, AND WAVE MEMBER

Serial/Reg./Patent No.

10/018,032

Date Sent: 1/16/2004



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Express Mail No.

☐ Transmittal Letter

New Patent App



Utility



Design



Cont.



CIP



Div.



PCT



RCE



Prov

☐ Other:

_____ pages of Specification

_____ pages of Claims

_____ pages of Abstract

_____ pages of Formal/Informal Drawings

☐ Small Entity☒ Large Entity☐ Declaration/Power of Attorney☐ Recordation of Assignment/Security Agreement☒ Information Disclosure Statement

1 Form PTO 1449

2 copies of cited references

☐ Preliminary Amendment☐ Response to Missing Parts Notice☐ Resp. to Notice to Correct App. Papers☐ Certified Copy of Priority Doc.☐ Claim for Convention Priority☐ Response/Amendment to Office Action of☐ Request for _____ month Extension of Time☐ Letter submitting _____ pages of drawings☐ Req. for Approval of Drawing Amendments☐ Req. for Oral Hearing☐ Not. of Appeal☐ Appeal Brief☐ Reply Brief☐ Rule 312 Amendment/Letter☐ Req. for Acknowledgement of Cited Art☐ Issue Fee☐ Publication Fee☐ Req. for Certificate of Correction☐ Maintenance Fee for _____ years after grant☐ Fee Address Indication Form☐ Terminal Disclaimer☐ Petition to Commissioner☐ Status Inquiry☒ Other Korean Office Action

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CMS Descrip.: _____

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Docket No.: 61352-012

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Customer Number: 20277
Yasuhiko YAMANAKA, et al.	:	Confirmation Number:
Serial No.: 10/018,032	:	Group Art Unit: 2871
Filed: December 14, 2001	:	Examiner: THOI V. DUONG
For: REFLECTOR, REFLECTIVE LIQUID CRYSTAL DISPLAY AND FABRICATION METHOD THEREOF, OPTICAL MEMBER, DISPLAY, ILLUMINATING DEVICE, DISPLAY PANEL, AND WAVE MEMBER		

INFORMATION DISCLOSURE STATEMENT

Mail Stop Information Disclosure
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.

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CERTIFICATION PARAGRAPH

The undersigned certifies that, to the best of his knowledge, each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement as described in 37 CFR 1.97(e)(1).

Each non-English language reference was cited in a corresponding foreign application search report or office action and its relevance discussed therein. A copy of the foreign search report or office action, together with an English language version thereof, is attached for the Examiner's information.

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



Michael E. Fogarty
Registration No. 36,139

600 13th Street, N.W.
Washington, DC 20005-3096
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Facsimile: (202) 756-8087
Date: January 16, 2004

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OFFICE
TRADE MARK OFFICE

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

SERIAL NO.
10/018,032

FILING DATE
December 14, 2001

GROUP
2871

(PTO-1449)

[illegible]

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number + -Kind Codes (if known)	Publication Date YYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No
		KR 2000-71619 (w/ corresponding EP 1 045 273 A2)	11/25/2000	ALPS ELECTRIC CO., LTD.			

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

DATE CONSIDERED

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

COPY

Applicant: Yasuhiko YAMANAKA, et al.Docket No: 61352-012Title: REFLECTOR, REFLECTIVE LIQUID CRYSTAL DISPLAY AND FABRICATION METHOD THEREOF,
OPTICAL MEMBER, DISPLAY, ILLUMINATING DEVICE, DISPLAY PANEL, AND WAVE MEMBERSerial/Reg./Patent No. 10/018,032Date Sent: 10/28/2003☒ Hand Carried☐ Fax☐ Electronic☐ Cert. of Mailing☐ Express Mail No.☐ Transmittal Letter

New Patent App

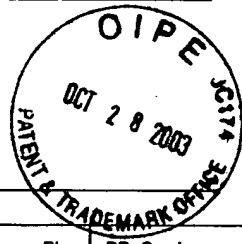
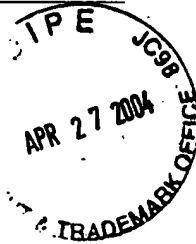
☐ Utility☐ Design☐ Cont.☐ CIP☐ Div.☐ PCT☐ RCE☐ Prov☐ Other:

_____ pages of Specification

_____ pages of Claims

_____ pages of Abstract

_____ pages of Formal/Informal Drawings

☐ Small Entity☐ Large Entity☐ Declaration/Power of Attorney☐ Recordation of Assignment/Security Agreement☒ Information Disclosure Statement1 Form PTO 14491 copies of cited references☐ Preliminary Amendment☐ Response to Missing Parts Notice☐ Resp. to Notice to Correct App. Papers☐ Certified Copy of Priority Doc.☐ Claim for Convention Priority☐ Response/Amendment to Office Action of _____☐ Request for _____ month Extension of Time☐ Letter submitting _____ pages of drawings☐ Req. for Approval of Drawing Amendments☐ Req. for Oral Hearing☐ Not. of Appeal☐ Appeal Brief☐ Reply Brief☐ Rule 312 Amendment/Letter☐ Req. for Acknowledgement of Cited Art☐ Issue Fee☐ Publication Fee☐ Req. for Certificate of Correction☐ Maintenance Fee for _____ years after grant☐ Fee Address Indication Form☐ Terminal Disclaimer☐ Petition to Commissioner☐ Status Inquiry☒ Other Chinese Office Action

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Docket No.: 61352-012

COPY



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	Customer Number: 20277
Yasuhiko YAMANAKA, et al.	:	Confirmation Number:
Serial No.: 10/018,032	:	Group Art Unit: 2871
Filed: December 14, 2001	:	Examiner: THOI V. DUONG
For:	:	
REFLECTOR, REFLECTIVE LIQUID CRYSTAL DISPLAY AND FABRICATION METHOD THEREOF, OPTICAL MEMBER, DISPLAY, ILLUMINATING DEVICE, DISPLAY PANEL, AND WAVE MEMBER		

INFORMATION DISCLOSURE STATEMENT

Mail Stop Information Disclosure
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

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This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

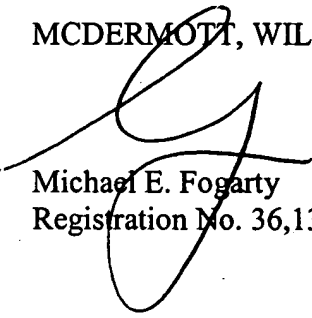
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Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



Michael E. Fogarty
Registration No. 36,139

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(202) 756-8000 MEF:prg
Facsimile: (202) 756-8087
Date: October 28, 2003

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SHEET 1 OF 1

INFORMATION DISCLOSURE CITATION IN AN APPLICATION (PTO-1449)				ATTY. DOCKET NO. 61352-012		SERIAL NO. 10/018,032	
				APPLICANT Yasuhiko YAMANAKA, et al.			
				FILING DATE December 14, 2001		GROUP 2871	

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US 5,733,710	03/31/1998	Kuboya et al.	
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes-Number + Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

Applicant: Yasuhiko YAMANAKA, et al.

Docket No. - 61352-012

REFLECTOR, REFLECTIVE LIQUID CRYSTAL DISPLAY AND
FABRICATION METHOD THEREOF, OPTICAL MEMBER,
DISPLAY, ILLUMINATING DEVICE, DISPLAY PANEL, AND
WAVE MEMBER

COPY NOT YET ASSIGNED

Title/Mark:

Date Sent: 12/14/01

☒ Hand Carried☐ Fax☐ Electronic☐ Cert. of Mailing☐ Express Mail No.☒ Transmittal Letter

New Patent App

☐ Utility☐ Design☐ Cont.☐ CIP☐ Div.☒ PCT☐ CPA☐ RCE☐ Prov

APR 27 2004

☒ Other: NATIONAL PHASE

45 pages of Specification

19 pages of Claims

1 pages of Abstract

21 pages of Formal Drawings

☒ Information Disclosure Statement

1 Form PTO 1449

3 copies of cited references

☐ Preliminary Amendment☐ Response to Missing Parts Notice☐ Certified Copy of Priority Doc☐ Claim for Convention Priority☐ Verified Statement of Small Entity Status☐ Transmittal of Issue Fee: Form PTO 85b☐ Maintenance Fee for ____ years after grant☐ Notice of Appeal ☐ Appeal Brief☒ Recordation of 1 Patent

Assignments/Security Agreements/

☐ Response/Amendment to Office Action of☐ Petition to Commissioner for☒ Other ISR, FRONT PAGE OF PUBLISHED APPL., PCT/IB/301,304, & 308

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1-890

3-2,748

4-40

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Docket No.: 61352-012

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Yasuhiko YAMANAKA, et al.

Serial No.:

Group Art Unit:

Filed: December 14, 2001

Examiner:

For: REFLECTOR, REFLECTIVE LIQUID CRYSTAL DISPLAY AND
FABRICATION METHOD THEREOF, OPTICAL MEMBER, DISPLAY,
ILLUMINATING DEVICE, DISPLAY PANEL, AND WAVE MEMBER

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner for Patents and Trademarks
Washington, D. C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed with the application and no certification or fee is required.

A copy of the foreign search report is attached for the Examiner's information. Please note this is a PCT application in the entry of the National Phase in the U.S. However, to ensure that these references are available to the Examiner, we are providing copies of these references herewith. Since the Search Report was from the U.S., JPO or

Serial No.:

COPY

EPO search authorities, copies of these references should have been supplied to the USPTO under the trilateral agreement and are believed to be in the file of the above identified application and readily available to the Examiner. Therefore it is believed that Applicants have met all requirements regarding duty of disclosure under 37 CFR 1.56. Acknowledgement and consideration of these documents are respectfully requested.

Respectfully submitted,

MCDERMOTT, WILL & EMERY



Michael E. Fogarty
Registration No. 36,139

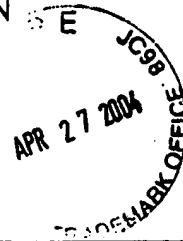
600 13th Street, N.W.
Washington, DC 20005-3096
(202) 756-8000 MEF:prp
Date: December 14, 2001
Facsimile: (202) 756-8087

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SHEET 1 OF 1

INFORMATION DISCLOSURE
CITATION IN AN
APPLICATION

(PTO-1449)



ATTY. DOCKET NO.
61352-012

SERIAL NO.

APPLICANT
Yasuhiko YAMANAKA, et al.

FILING DATE
December 14, 2001

GROUP

U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	5,733,710	3/31/1998	Kuboya et al.			
	6,097,458	8/1/2000	Tsuda et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
	EP0576303A1	12/29/1993	Europe				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.